

Title (en)

GENETIC MODIFICATION OF (S)-LACTIC ACID PRODUCING THERMOPHILIC BACTERIA

Title (de)

GENETISCHE MODIFIZIERUNG VON (S)-MILCHSÄURE-ERZEUGENDEN THERMOPHILEN BAKTERIEN

Title (fr)

MODIFICATION GÉNÉTIQUE D'ACIDE (S) -LACTIQUE PRODUISANT DES BACTÉRIES THERMOPHILES

Publication

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Application

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Priority

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Abstract (en)

[origin: EP2977471A1] The present invention relates to a genetically engineered thermophilic bacterial cell that is facultative anaerobic and ( S )-lactic producing comprising inactivation or deletion of the endogenous methylglyoxal synthase gene mgsA .

IPC 8 full level

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**C12Y 203/0108** (2013.01 - KR); **C12Y 203/01054** (2013.01 - KR); **C12Y 402/03003** (2013.01 - KR); **Y02E 50/10** (2013.01 - US)

Citation (examination)

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- YOMANO L P ET AL: "Deletion of methylglyoxal synthase gene (mgsA) increased sugar co-metabolism in ethanol-producing Escherichia coli", BIOTECHNOLOGY LETTERS, SPRINGER NETHERLANDS, DORDRECHT, vol. 31, no. 9, 21 May 2009 (2009-05-21), pages 1389 - 1398, XP019727595, ISSN: 1573-6776, DOI: 10.1007/S10529-009-0011-8

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CN 106536543 B 20210507; DK 3177741 T3 20220912; EP 3177741 A1 20170614; EP 3177741 B1 20220629; ES 2924250 T3 20221005;  
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